



**LOUISIANA**  
POWER & LIGHT

142 DELARONDE STREET  
P. O. BOX 6008 • NEW ORLEANS, LOUISIANA 70174 • (504) 366-2345

April 27, 1983

L. V. MAURIN  
Vice President Nuclear Operations

W3P83-1103  
3-A20.18  
3-A1.01.04  
L.09.02

Director of Nuclear Reactor Regulation  
Attention: Mr. G. W. Knighton, Chief  
Licensing Branch Number 3  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

SUBJECT: Waterford 3 SES  
Docket No. 50-382  
Seismic Qualification of Equipment

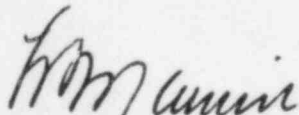
REFERENCE: W3P83-0327 dated January 27, 1983

Dear Mr. Knighton:

The purpose of this letter is to transmit to you the latest revision (3/02/83) of the Seismic Qualification Completion schedule. This is an update of that transmitted via the referenced letter.

If you have any questions on this memo or its attachment, please advise.

Yours very truly,

  
L. V. Maurin

LVM/SJD/cb

Attachment

cc: Jim Wilson (NRC), Jerry Jackson (NRC), E. L. Blake, W. M. Stevenson

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Before the  
UNITED STATES NUCLEAR REGULATORY COMMISSION

Docket No. 50-382

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In the Matter of  
LOUISIANA POWER & LIGHT COMPANY

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SEISMIC QUALIFICATION COMPLETION SCHEDULE

Louisiana Power & Light Company, Applicant in the above captioned proceeding, hereby files a revision to the Seismic Qualification Completion Schedule, dated March 2, 1983.

Respectfully submitted,  
LOUISIANA POWER & LIGHT COMPANY

By: *L. V. Maurin*  
L. V. Maurin  
Vice President  
Nuclear Operations

DATE: April 27, 1983

STATE OF LOUISIANA)

) SS

PARISH OF ORLEANS )

L. V. Maurin, being duly sworn, states that he is Vice President - Nuclear Operations of Louisiana Power & Light Company and that he is authorized on the part of said company to sign and file with the Nuclear Regulatory Commission this report.

L. V. Maurin

SUBSCRIBED AND SWORN to before me, a Notary Public, in and for the Parish and State above named, this 27th day of April, 1983.

Notary Public

MY COMMISSION EXPIRES:

WITH LIFE

NSSS-ICE

SEISMIC QUALIFICATION  
COMPLETION SCHEDULE

Page 1 of 1

Revision  
3/2/83

P.O./SPEC	EQUIPMENT (TAG NOS.)	SQRT FILE NO.	QUALIFICATION SCHEDULE	INSTALLATION SCHEDULE
9403341 (P.O.) 9270-ICE-0005 Rev. 01 (Spec.)	See attachment A1	NSSS-ICE-5  NSSS-ICE-5a thru 5h	Equipment has been qualified according to vendor (Westinghouse). Proprietary reports will be released to LP&L pending resolution of proprietary agreement between Westinghouse and LP&L. (See C-CE-7987 of 10/4/82)	Equipment installed
same P.O. and Spec. as above	See attachment A2	NSSS-ICE-9-1  NSSS-ICE-9-2	Original seismic test (Westinghouse # EL991) not approved- Westinghouse resubmitted with new test report (#EL1348) C-E technical review completed but administrative work not completed. QTR-1010 and QTR-1008 should replace EL991 as the applicable qualification references for the Veri-Trak Recorders. EL1348 is contained in QTR-1010. Retesting by Westinghouse is required. Testing completion is scheduled for May 1, 1983.	Equipment installed.

NSSS-  
Plant Engineering (PE)SEISMIC QUALIFICATION  
COMPLETION SCHEDULE

P.O./SPEC	EQUIPMENT (TAG NOS.)	SQRT FILE NO.	QUALIFICATION SCHEDULE	INSTALLATION SCHEDULE
910204 9270-PE 704 Rev 04	BM 307 (CE Tag) Fisher 3" valve	NSSS-PE-36 Rev 1	CE to advise	Installed
9102040 9270-PE 704 Rev. 04	CH 210 Y Fisher 1" valve	NSSS-PE-26 Rev 1	CE to advise	Installed
9102040 9270-PE 704, Rev. 04	CH 512 Fisher 3" Valve	NSSS-PE-27 Rev 1	CE to advise	Installed

BOP-1&amp;C

# SEISMIC QUALIFICATION COMPLETION SCHEDULE

P.O./SPEC	EQUIPMENT (TAG NOS.)	SQRT FILE NO.	QUALIFICATION SCHEDULE	INSTALLATION SCHEDULE
403641	FE-HV 5296S 5294S 5295S (Air Flow Measurement station-Pitot Tube)	SQ-IC-13A	Revised Test Report expected by 3/31/83. Acceptance letter issued (LW3-1552-82) Package to site by 3/31/83	Installed
403485	See attachment A3	SQ-IC-4 SQ-IC-4A	Report received. Review in progress. Complete by 2/15/83. Qualification summary in preparation	Installed
403642	See attachment A4	SQ-IC-4B	Report under review	Installed

BOP-Electrical

**SEISMIC QUALIFICATION  
COMPLETION SCHEDULE**

P.O./SPEC	EQUIPMENT (TAG NOS.)	SQRT FILE NO.	QUALIFICATION SCHEDULE	INSTALLATION SCHEDULE
403659 LOU 1564269D	Refueling Disconnect Assemblies; Reactor Vessel Head Assemblies; Cable Seal Assemblies	SQ-E-86	Received copy of report from BIW. SAC group reviewed with comments on 8/25. Resolution of open items still in progress Completion targeted for 2/28/83. Review still in progress	Installed

# SEISMIC QUALIFICATION COMPLETION SCHEDULE

BOP - Mechanical

P.O./SPEC	EQUIPMENT (TAG NOS.)	SQRT FILE NO.	QUALIFICATION SCHEDULE	INSTALLATION SCHEDULE
NY-403511 LOU-1564124 113 114	3CC-R218A 3CC-R244A/B	No File Established Yet	Report expected by April, 83	
NY-403483 LOU-1564.109A 6A 6B	2HV-B150 2HV-B151 thru B155	SQ-MN-52 " " "	Acknowledgement concerning the addition of limit switches has been received. Review in progress. Approval letter by 3/15/83.	
NY-403461 LOU-1564.104 23 24	2FW-V823A V824B	SQ-MN-25 RI "	Certificate for valve requalification due to addition of limit switches expected by February, 1983 Seismic report received. Approval letter by 3/15/83.	
NY-403539 LOU-1564.109C 44	3CC-B4	No File Established	Report received. Approval letter by 3/15/83	
43	3CC-B9 3CC-10	No File Established	Report expected in 3/83	



# SEISMIC QUALIFICATION COMPLETION SCHEDULE

BOP - Mechanical

P.O./SPEC	EQUIPMENT (TAG NOS.)	SQRT FILE NO.	QUALIFICATION SCHEDULE	INSTALLATION SCHEDULE
NY-403501 LOU-1564.102				
1	SMS-V650 (8)	No File Established Yet	Report SR-6684 R2 has been reviewed with comments. Awaiting supplier response. Due early 3/83.	
3	SMS-V652 (2)	"		
53	3EG-V616B	"		
265	5FW-V1522	"		
352	6AC-V721	"		
395	3AE-V615	"		
421	3CC-V642 (4)	"		
444	5FW-V1522 (8)	"		
447	2FW-V1531 (6)	"		
494	3AC-V778A	"		
	3AC-V779A	"		
	3AC-V780A/B	"		
	3AC-V781A/B	"		
	3AC-V782	"		
	3AC-V783	"		
498	2CC-V652 (14)	"		

BOP - Mechanical

# SEISMIC QUALIFICATION COMPLETION SCHEDULE

P.O./SPEC	EQUIPMENT (TAG NOS.)	SQRT FILE NO.	QUALIFICATION SCHEDULE	INSTALLATION SCHEDULE
577	6AC-V785 6XX-V316 V317 V318 V319 V320 V321	No File Established Yet " " " " " "	Report has been reviewed with comments. Response expected early 3/83. " " " " " "	
578	7CF-V640 7CF-V642 7XX-V322	" " "	" " "	
628	2MS-V1524 (8)	"	"	
629	3NG-V684 (8) 3IA-V613 3IA-V611	" " "	" " "	
630	3AC-V809 (8)	"	"	
631	2XX-V700 thru V809 (110)	" "	" "	
632	2XX-V810 thru V849 (40)	" "	" "	
633	2XX-V850 thru V-860 (10)	" "	" "	
634	2XX-V860 thru V-863 (4)	" "	" "	

BOP - Mechanical

# SEISMIC QUALIFICATION COMPLETION SCHEDULE

P.O./SPEC / Item	EQUIPMENT (TAG NOS.)	SQRT FILE NO.	QUALIFICATION SCHEDULE	INSTALLATION SCHEDULE
NY-403506 LOU-1564.083B 258 259 260 261	1XX-V927 thru V938 2XX-V939 thru V953 2XX-V954 thru V983 2XX-V984 thru V998	No File Established Yet " " "	Report expected by 3/1/83 " " "	
NY-403522 LOU-1564.103A 219A 226A 171 172	3WM-V223 (2) 3WM-V224 2WM-F104 A/B 2WM-F105 A/B	No File Established Yet " SQ-MN-55 SQ-MN-55	Seismic report received. Review in progress. Ltr to be issued by 3/15/83. Certificate for valve requalification due to addition of switches expected by March 1, 1983	

# SEISMIC QUALIFICATION COMPLETION SCHEDULE

BOP - Mechanical

P.O./SPEC	EQUIPMENT (TAG NOS.)	SQRT FILE NO.	QUALIFICATION SCHEDULE	INSTALLATION SCHEDULE
NY-403572 LOU-1564.089A 5	Dry Clg. Twr. Area Sump Pump Motors (2)	No File Established Yet	Report being reviewed.	

# SEISMIC QUALIFICATION COMPLETION SCHEDULE

BOP - Mechanical

P.O./SPEC/Item	EQUIPMENT (TAG NOS.)	SQRT FILE NO.	QUALIFICATION SCHEDULE	INSTALLATION SCHEDULE
NY-403674 LOU-1564.068 5	2SI-E1587A 2SI-E1588B	SQ-MN-295	LW3-954-82 7-19-82	
15	2SI-E654 E655	No File Established Yet	Report expected by April, 1983	
16	2HA-E642	"	"	
17	2HA-E643 E644	"	"	

SYSTEM: Plant Protection

<u>ITEM</u>	<u>TAG OR IDENTIFICATION</u>	<u>EQUIPMENT AVAILABILITY FOR INSPECTION IN FIELD</u>	<u>SQ REPORT FILE NO.</u>	<u>ACCESSORIES</u>
16	CPC/CEAC Central Processing Unit	Later	NSSS-ICE-2b	
17	CPC/CEAC MACS Chassis	Later	NSSS-ICE-2c	
18	CPC/CEAC Power Supply	Later	NSSS-ICE-2d	
19	CEA Position Isolation Amplifiers	Later	NSSS-ICE-2e	
20	SY-103A, B, C, D	Yes	NSSS-ICE-2f	
21	RY-010A, B, C, D	Later	NSSS-ICE-2g	
22	Reactor Trip Switchgear Cabinet	Yes	NSSS-ICE-3	
23	ESFAS Auxiliary Relay Cabinet	Yes	NSSS-ICE-4	
24	Process Instrument Rack	Yes	NSSS-ICE-5	
25	TY-112CA-1/TY-112HA-1/ TY-122CA-1/TY-122HA-1/ PY-1013A-1/PY-1013A-2/ PY-1023A-1/PY-1023A-2/ LY-305A-1/PY-352A-1/SPARES PY-101A-1/PY-101A-2/ PY-102A-1/PY-102A-2/ LY-1113A-1/LY-1113A-2/ LY-1123A-1/LY-1123A-2/ PY-351A-1/SPARES TY-112CB-1/TY-112HB-1/ TY-122CB-1/TY-122HB-1/ PY-1013B-1/PY-1013B-2/ PY-1023B-1/PY-1023B-2/ PY-101B-1/PY-101B-2/ PY-102B-1/PY-102B-2/ LY-1113B-1/LY-1113B-2/ LY-1123B-1/LY-1123B-2/ PY-351B-1/SPARES TY-112CC-1/TY-112HC-1/ TY-122CC-1/TY-122HC-1/	Yes	NSSS-ICE-5a	

SYSTEM: Plant Protection

<u>ITEM</u>	<u>TAG OR IDENTIFICATION</u>	<u>EQUIPMENT AVAILABILITY FOR INSPECTION IN FIELD</u>	<u>SQ REPORT FILE NO.</u>	<u>ACCESSORIES</u>
25 (Cont'd)	PY-101C-1/PY-101C-2/ PY-102C-1/PY-102C-2/ LY-305C-1/PY-352C-1/SPARES PY-1013C-1/PY-1013C-2/ PY-1023C-1/PY-1023C-2/ LY-1113C-1/LY-1113C-2/ LY-1123C-1/LY-1123C-2/ PY-351C-1/SPARES TY-112CD-1/TY-112HD-1/ TY-122CD-1/TY-122HD-1/ PY-1013D-1/PY-1013D-2/ PY-1023D-1/PY-1023D-2/ LY-305D-1/PY-352D-1/SPARES PY-101D-1/PY-101D-2/ PY-102D-1/PY-102D-2/ LY-1123D-1/LY-1123D-2 PY-351D-1/SPARES	Later		
26	TY-303X, TY-303Y, TY-351X, TY-352X, TY-351Y, TY-352Y	Later	NSSS-ICE-5b	
27	TY-112CA, TY-112CB, TY-112CC, TY-112CD, TY-122CA, TY-122CB, TY-122CC, TY-122CD, TY-112HA, TY-112HB, TY-112HC, TY-112HD, TY-122HA, TY-122HB, TY-122HC, TY-122HD, PY-101A, PY-101B, PY-101C, PY-101D, PY-103, PY-104, PY-303X, PY-303Y, PY-102A, PY-102B, PY-102C, PY-102D, LY-305A, LY-305B, LY-305C, LY-305D, PY-1013A, PY-1013B, PY-1013C, PY-1013D, PY-1023A, PY-1023B, PY-1023C, PY-1023D, LY-1113A, LY-1113B, LY-1113C, LY-1113D, LY-1123A, LY-1123B, LY-1123C, LY-1123D, LY-110X, LY-110Y, PY-105, PY-106, PY-351A, B, C, D PY-352A, B, C, C	Later	NSSS-ICE-5c	

SYSTEM: Plant Protection

<u>ITEM</u>	<u>TAG OR IDENTIFICATION</u>	<u>EQUIPMENT AVAILABILITY FOR INSPECTION IN FIELD</u>	<u>SQ REPORT FILE NO.</u>	<u>ACCESSORIES</u>
28	JC-002A/JC-002A-1/ PC-103/PC-103-1/SPARE/ PSFA-A, JC-002B/JC-002B-1/ PC-104/PC-104-1/SPARE/PSFA-B JC-002C/JC-002C-1/PC-105/ SPARE/SPARE/PSFA-C, JC-002D/ JC-002D-1/PC-106/SPARE/SPARE/ PSFA-D	Later	NSSS-ICE-5d	
29	JA-002A/JA-002A-1 JA-002B/JA-002B-1 JA-002C/JA-002C-1 JA-002D/JA-002D-1	Later	NSSS-ICE-5e	
30	PA-103/PA-103-1, PA-105 PA-104/PA-104-1, PA-106	Later	NSSS-ICE-5f	
31	TY-351X-1, TY-351Y-1, TY-303X-1, TY-303Y-1 PY-1023A-3, PY-1023A-4 LY-110Y-1, LY-101Y-2 PY-1013B-3, PY-1013B-4 TY-352Y-1, TY-352X-1, PY-102A-3, PY-102A-4 LY-1113A-3, LY-1113A-4 JY-001A, JY-001A-1 PY-102B-3, PY-103B-4 PY-1013A-3, PY-1013A-4 LY-1123B-3, LY-1123B-4	Later	NSSS-ICE-5g	
32	JY-001C, JY-001D JY-002A, JY-002A-1 LY-1123A-3, LY-1123A-4 LY-110X-1, LY-110X-2 LY-113B-3, LY-113B-4 PY-1023B-3, PY-1023B-4 JY-002B, JY-002B-1 JY-002C, JY-002C-1 JY-002D, JY-002D-1	Later	NSSS-ICE-5h	



SYSTEM: Plant Protection

<u>ITEM</u>	<u>TAG OR IDENTIFICATION</u>	<u>EQUIPMENT AVAILABILITY FOR INSPECTION IN FIELD</u>	<u>SQ REPORT FILE NO.</u>	<u>ACCESSORIES</u>
33	Core Protection Calculator Operators Module	Later	NSSS-ICE-6	
34	PPS Remote Control Module	Later	NSSS-ICE-7	
35	SE-113, 123, 133, 143, A, B, C, D	Later	NSSS-ICE-12-1	
36	ST-113, 123, 133, 143, A, B, C, D	Later	NSSS-ICE-12-2	
37	CEA Reed Switch Position Transmitter	Yes	NSSS-ICE-15	

LOUISIANA POWER & LIGHT COMPANY  
WATERFORD SES UNIT NO. 3  
SEISMIC QUALIFICATION SUMMARY

SYSTEM: Nuclear Instrumentation

<u>ITEM</u>	<u>TAG OR IDENTIFICATION</u>	<u>EQUIPMENT AVAILABILITY FOR INSPECTION IN FIELD</u>	<u>SQ REPORT FILE NO.</u>	<u>ACCESSORIES</u>
1	J1-RC-0003A J1-RC-0004A J1-RC-0003B J1-RC-0004B J1-RC-0003C J1-RC-0004C J1-RC-0003D J1-RC-0004D J1-RC-0001A J1-RC-0001B J1-RC-0001C J1-RC-0001D	Yes	NSSS-ICE-8-2	
2	JR-RC-0002A JR-RC-0002B JR-RC-0002C JR-RC-0002D	Yes	NSSS-ICE-9-1	
3	JR-RC-0001	Yes	NSSS-ICE-9-2	
4	Nuclear Instrument Detector	Later	NSSS-ICE-13	
5	Nuclear Instrument Preamplifier	Later	NSSS-ICE-14	

LOUISIANA POWER & LIGHT COMPANY  
WATERFORD SES UNIT NO. 3  
SEISMIC QUALIFICATION SUMMARY

SYSTEM: Reactor Coolant

<u>ITEM</u>	<u>TAG OR IDENTIFICATION</u>	<u>EQUIPMENT AVAILABILITY FOR INSPECTION IN FIELD</u>	<u>SQ REPORT FILE NO.</u>	<u>ACCESSORIES</u>
1	TI-112CA, CB, CC, CD TI-122CA, CB, CC, CD TI-112HA, HB, HC, HD TI-122HA, HB, HC, HD	No	NSSS-ICE-51	
2	PI-101A, PI-101B, PI-101C PI-101D, LI-110X, LI-110Y	Yes	NSSS-ICE-8-1	
3	TI-102HA, TI-102HB, TI-102HC, TI-102HD TI-102CA, TI-102CB TI-102CC, TI-102CD PI-102A, PI-102B, PI-102C, PI-102D	Yes	NSSS-ICE-8-2	
4	TR-102HA, TR-102CA	Yes	NSSS-ICE-9-1	
5	LR-110X, PR-102A	Yes	NSSS-ICE-9-2	
6	TE-111X, TE-121X TE-112CA, CB, CC, CD TE-122CA, CB, CC, CD TE-112HA, HB, HC, HD TE-122HA, HB, HC, HD	Yes	NSSS-ICE-10-1	
7	PT-100X, Y PT-101A, B, C, D PT-102A, B, C, D PT-103, 105	Yes	NSSS-ICE-11-1	
8	LT-110X, Y	Yes	NSSS-ICE-11-2	
9	PT-104, 106	Yes	NSSS-ICE-11-6	
10	PS-224X, Y, Z	Yes	NSSS-ICE-16	

SPECIFICATION: 1564.421  
PURCHASE ORDER: NY 403485  
VENDOR: ITT BARTON

Attachment A3

SHEET 1 OF 10

PO ITEM NO.	GENERAL DESCRIPTION OF EQUIPMENT	SQRT FILE NO.	VENDOR SEISMIC REPORT NO.	LWJ ACCEPTANCE NO.	TAG NO.
B6	Flow Indicating Switch	SQ-1C-4 SQ-1C-4A	Qualification Testing in Progress Test Report R3-580-1 R3-288A-1	LWJ-1855-79 (Waiver) LWJ-1345-81 December 24, 1981 LWJ-818-80 August 12, 1980	FIS-FW-8331-AS
B7	"	"	"	"	FIS-FW-8331 BS
A66	"	"	"	"	FIS-FW-8330 AS
Ab7	"	"	"	"	FIS-FW-8330 BS
A8	Differential Pressure Indicating Switch	"	"	"	DPIS-FW-8320 AS
A9	"	"	"	"	DPIS-FW-8320 BS
A10	"	"	"	"	DPIS-HV-5051 AS
A11	"	"	"	"	DPIS-HV-5051 BS
A12	"	"	"	"	DPIS-HV-5055 AS
A13	"	"	"	"	DPIS-HV-5055 BS
A14	"	"	"	"	DPIS-HV-5056 AS

SPECIFICATION: 1564.421  
PURCHASE ORDER: NY 403485  
VENDOR: ITT BARTON

SHEET 2 OF 10

PO ITEM NO.	GENERAL DESCRIPTION OF EQUIPMENT	SQRT FILE NO.	VENDOR SEISMIC REPORT NO.	LWJ ACCEPTANCE NO.	TAG NO.
A15	Differential Pressure Indicating Switch	SQ-1C-4 SQ-1C-4A	Qualification Testing in Progress Test Report RJ-580-1 RJ-288A-1	LWJ-1855-79 (Waiver) LWJ-1345-81 December 24, 1981 LWJ-818-80 August 12, 1980	DPIS-HV-5050 BS
A16	"	"	"	"	DPIS-HV-5061 AS
A17	"	"	"	"	DPIS-HV-5061 BS
A18	"	"	"	"	DPIS-HV-5220 AS
A19	"	"	"	"	DPIS-HV-5220 BS
A20	"	"	"	"	DPIS-HV-5221 AS
A21	"	"	"	"	DPIS-HV-5221 BS
A22	"	"	"	"	DPIS-HV-5257 AS
A23	"	"	"	"	DPIS-HV-5257 BS
A28	Flow Indicating Switch	"	"	"	FIS-AC-5001 S
A29	"	"	"	"	FIS-AC-5002 S

SPECIFICATION: 1564.421  
PURCHASE ORDER: NY 403485  
VENDOR: ITT BARTON

SHEET 3 OF 10

PO ITEM NO.	GENERAL DESCRIPTION OF EQUIPMENT	SQRT FILE NO.	VENDOR SEISMIC REPORT NO.	LWJ ACCEPTANCE NO.	TAG NO.
A30	Flow Indicating Switch	SQ-IC-4 SQ-IC-4A	Qualification Testing in Progress Test Report R3-580-1 R3-288A-1	LWJ-1855-79 (Waiver) LWJ-1345-81 December 24, 1981 LWJ-818-80 August 12, 1980	FIS-AC-5004-S
A31	"	"	"	"	FIS-AC-5006 S
A32	"	"	"	"	FIS-AC-5010 S
A33	"	"	"	"	FIS-AC-5011 S
A34	"	"	"	"	FIS-AC-5012 S
A35	"	"	"	"	FIS-AC-5013 S
A36	"	"	"	"	FIS-AC-5030 AS
A37	"	"	"	"	FIS-AC-5030 BS
A38	"	"	"	"	FIS-AC-5030 CS
C1	"	"	"	"	FIS-AC-5040 AS
C2	"	"	"	"	FIS-AC-5040 BS

SPECIFICATION: 1564.421  
PURCHASE ORDER: NY 403485  
VENDOR: ITT BARTON

SHEET 4 OF 10

PO ITEM NO.	GENERAL DESCRIPTION OF EQUIPMENT	SQRT FILE NO.	VENDOR SEISMIC REPORT NO.	LWJ ACCEPTANCE NO.	TAG NO.
A39	Flow Indicating Switch	SQ-IC-4 SQ-IC-4A	Qualification Testing in Progress Test Report R3-580-1 R3-288A-1	LWJ-1855-79 (Waiver) LWJ-1345-81 December 74, 1981 LWJ-818-80 August 12, 1980	FIS-CC-5070 AS
A40	"	"	"	"	FIS-CC-5070 BS
A41	"	"	"	"	FIS-CC-5070 CS
A42	"	"	"	"	FIS-CC-5770 AS
A43	"	"	"	"	FIS-CC-5770 AIS
A44	"	"	"	"	FIS-CC-5770 A7S
A45	"	"	"	"	FIS-CC-5770 BS
A46	"	"	"	"	FIS-CC-5770 BIS
A47	"	"	"	"	FIS-CC-5770 B7S
A48	"	"	"	"	FIS-CC-5770 CS
A49	"	"	"	"	FIS-CC-5770 CIS

SPECIFICATION: 1564.421  
PURCHASE ORDER: NY 403485  
VENDOR: ITT BARTON

SHEET 5 OF 10

PO ITEM NO.	GENERAL DESCRIPTION OF EQUIPMENT	SQRT FILE NO.	VENDOR SEISMIC REPORT NO.	LWJ ACCEPTANCE NO.	TAG NO.
A50	Flow Indicating Switch	SQ-1C-4 SQ-1C-4A	Qualification Testing in Progress Test Report RJ-580-1 RJ-288A-1	LWJ-1855-79 (Waiver) LWJ-1345-81 December 24, 1981 LWJ-818-80 August 12, 1980	FIS-CC-5770 C2S
A51	"	"	"	"	FIS-CC-5770 DS
A52	"	"	"	"	FIS-CC-5770 D1S
A53	"	"	"	"	FIS-CC-5770 D2S
A80	Level Switch	"	"	"	LS-MS-0311 S
A81	"	"	"	"	LS-MS-0312 AS
A82	"	"	"	"	LS-MS-0312 BS
A83	"	"	"	"	LS-MS-0313 AS
A84	"	"	"	"	LS-MS-0313 BS
C3	Pressure Switch	"	"	"	PS-MC-0940 AS
C4	"	"	"	"	PS-MC-0941 BS



SPECIFICATION: 1564.421  
PURCHASE ORDER: NY 403485  
VENDOR: ITT BARTON

SHEET 6 OF 10

PO ITEM NO.	GENERAL DESCRIPTION OF EQUIPMENT	SQRT FILE NO.	VENDOR SEISMIC REPORT NO.	LW3 ACCEPTANCE NO.	TAG NO.
C5	Pressure Switch	SQ-1C-4 SQ-1C-4A	Qualification Testing in Progress Test Report R3-580-1 R3-288A-1	LW3-1855-79 (Waiver) LW3-1345-81 December 24, 1981 LW3-818-HO August 12, 1980	PS-MG-0942 AS
C6	"	"	"	"	PS-MG-0943 AS
C7	"	"	"	"	PS-MG-0944 AS
C8	"	"	"	"	PS-MG-0945 BS
C9	"	"	"	"	PS-MG-0946 AS
C10	"	"	"	"	PS-MG-0947 BS
E1	"	"	"	"	PS-CC-3081
E2	"	"	"	"	PS-CC-3082
E3	"	"	"	"	PS-CC-3083 A
E4	"	"	"	"	PS-CC-3083 B
E5	"	"	"	"	PS-CC-3083 C

SPECIFICATION: 1564.421  
PURCHASE ORDER: NY 403485  
VENDOR: ITT BARTON

SHEET 7 OF 10

PO ITEM NO.	GENERAL DESCRIPTION OF EQUIPMENT	SQRT FILE NO.	VENDOR SEISMIC REPORT NO.	LWJ ACCEPTANCE NO.	TAG NO.
E6	Pressure Switch	SQ-1C-4 SQ-1C-4A	Qualification Testing in Progress Test Report R3-580-1 R3-288A-1	LWJ-1855-79 (Waiver) LWJ-1345-81 December 24, 1981 LWJ-818-80 August 12, 1980	PS-CC-3083 D
E7	"	"	"	"	PS-CC-3084 A
E8	"	"	"	"	PS-CC-3084 B
E9	"	"	"	"	PS-CC-3084 C
E10	"	"	"	"	PS-CC-3084 D
E11	"	"	"	"	PS-CC-3086
E12	"	"	"	"	PSIA-9740 A
E13	"	"	"	"	PSIA-9740 B
1	Level Indicator	"	"	"	LI-CS-7123 AS
2	"	"	"	"	LI-CS-7123 BS

SPECIFICATION: 1564.421  
 PURCHASE ORDER: NY 403485  
 VENDOR: ITT BARTON

SHEET 8 OF 10

PO ITEM NO.	GENERAL DESCRIPTION OF EQUIPMENT	SQRT FILE NO.	VENDOR SEISMIC REPORT NO.	LWJ ACCEPTANCE NO.	TAG NO.
A57	Flow Indicating Switch	SQ-1C-4 SQ-1C-4A	Qualification Testing in Progress Test Report RJ-580-1 RJ-288A-1	LWJ-1855-79 (Waiver) LWJ-1345-81 December 24, 1981 LWJ-818-80 August 12, 1980	FIS-CC-7651 AS
A58	"	"	"	"	FIS-CC-7651 BS
A59	"	"	"	"	FIS-CC-7750 AS
A60	"	"	"	"	FIS-CC-7750 BS
A61	"	"	"	"	FIS-CC-7850 AS
A62	"	"	"	"	FIS-CC-7850 BS
A63	"	"	"	"	FIS-CC-7850 CS
A64	"	"	"	"	FIS-CD-2202 A
A65	"	"	"	"	FIS-CD-2202 B
	Pressure Switch	"	"	"	PS-SI-3149 A
	"	"	"	"	PS-SI-3149 B

SPECIFICATION: 1564.421  
 PURCHASE ORDER: NY 403485  
 VENDOR: ITT HARTON

SHEET 9 OF 10

PO ITEM NO.	GENERAL DESCRIPTION OF EQUIPMENT	SQRT FILE NO.	VENDOR SEISMIC REPORT NO.	LWJ ACCEPTANCE NO.	TAG NO.
	Pressure Switch	SQ-1C-4 SQ-1C-4A	Qualification Testing in Progress Test Report RJ-580-1 RJ-288A-1	LWJ-1855-79 (Walver) LWJ-1345-81 December 24, 1981 LWJ-818-80 August 12, 1980	PS-SI-3148 A
"	"	"	"	"	PS-SI-3148 B
"	"	"	"	"	PS-CH-0206
"	"	"	"	"	PS-CH-0208
"	"	"	"	"	PS-CH-0224 X
"	"	"	"	"	PS-CH-0224 Y
"	"	"	"	"	PS-CH-0224 Z
"	"	"	"	"	PS-CH-0229 X
"	"	"	"	"	PS-CH-0229 Y
"	"	"	"	"	PS-CH-0229 Z
"	"	"	"	"	PS-CH-0234 X

SPECIFICATION: 1564.421  
PURCHASE ORDER: NY 403485  
VENDOR: ITT BARTON

SHEET 10 OF 10

PO ITEM NO.	GENERAL DESCRIPTION OF EQUIPMENT	SQRT FILE NO.	VENDOR SEISMIC REPORT NO.	LWJ ACCEPTANCE NO.	TAG NO.
	Pressure Switch	SQ-1C-4 SQ-1C-4A	Qualification Testing in Progress Test Report R3-500-1 R3-288A-1	LWJ-1855-79 (Waiver) LWJ-1345-81 December 24, 1981 LWJ-818-80 August 12, 1980	PS-CH-0234 Y
	"	"	"	"	PS-CH-0234 Z
	"	"	"	"	
	"	"	"	"	
D3	"	"	"	"	PS-CC-7032 A
D4	"	"	"	"	PS-CC-7032 B
D45	"	"	"	"	PS-SI-7140 AS
D46	"	"	"	"	PS-SI-7140 BS
E3	Level Switch	"	"	"	LS-EG-1979 AS
E4	"	"	"	"	LS-EG-1979 BS

Attachment A4

SPECIFICATION: 1564.402A  
 PURCHASE ORDER: NY 403642  
 VENDOR: ITT BARTON

SHEET 1 OF 3

ITEM NO.	GENERAL DESCRIPTION OF EQUIPMENT	SQRT FILE NO.	VENDOR SEISMIC REPORT NO.	LWJ ACCEPTANCE NO.	TAG NO.
A01	Low Differential Pressure Transmitter	SQ-1C-4B	Qualification Testing in Progress Seismic Qualif. Test Procedure Code IND NO5991 Document Number 999.5002.2	Attachment to Letter LWJ-111-78	DPT-11V-5067 AS
A02	"	"	"	"	DPT-11V-5067 BS
A03	"	"	"	"	DPT-11V-5068 AS
A04	"	"	"	"	DPT-11V-5068 BS
A05	"	"	"	"	DPT-11V-5105 AS
A06	"	"	"	"	DPT-11V-5105 BS
A09	"	"	"	"	DPT-11V-5270
A10	"	"	"	"	DPT-11V-5271 AS
A11	"	"	"	"	DPT-11V-5271 BS
A12	"	"	"	"	DPT-11V-5272 AS

SPECIFICATION: 1564.407A  
 PURCHASE ORDER: NY 403642  
 VENDOR: ITT BARTON

SHEET 2 OF 3

PO ITEM NO.	GENERAL DESCRIPTION OF EQUIPMENT	SQRT FILE NO.	VENDOR SEISMIC REPORT NO.	LWJ ACCEPTANCE NO.	TAC NO.
A13	Low Differential Pressure Transmitter	SQ-1C-4B	Qualification Testing in Progress Seismic Qualif. Test Procedure Code IND N05991 Document Number 999.5002.2	Attachment to Letter LWJ-111-78	DPT-HV-5272 BS
A14	"	"	"	"	DPT-HV-5273 AS
A15	"	"	"	"	DPT-HV-5273 BS
A16	"	"	"	"	DPT-HV-5274 AS
A17	"	"	"	"	DPT-HV-5274 BS
A18	"	"	"	"	DPT-HV-5275 AS
A19	"	"	"	"	DPT-HV-5275 BS
A20	"	"	"	"	DPT-HV-5276 AS
A21	"	"	"	"	DPT-HV-5276 BS
A22	"	"	"	"	DPT-HV-5277 AS

SPECIFICATION: 1564.402A  
PURCHASE ORDER: NY 403642  
VENDOR: IIT BARTON

SHEET 3 OF 3

PO ITEM NO.	GENERAL DESCRIPTION OF EQUIPMENT	SQRT FILE NO.	VENDOR SEISMIC REPORT NO.	LWJ ACCEPTANCE NO.	TAG NO.
A23	Low Differential Pressure Trans- mitter	SQ-1C-4B	Qualification Testing in Progress Seismic Qualif. Test Procedure Code IND N05991 Document Number 999.5002.2	Attachment to Letter LWJ-111-78	DPT-HV-5277 BS
A24	"	"	"	"	FT-HV-5065 AS
A25	"	"	"	"	FT-HV-5065 BS
A26	"	"	"	"	FT-HV-5066 AS
A27	"	"	"	"	FT-HV-5066 BS
A28	"	"	"	"	FT-HV-5294 S